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09/923,389	08/08/2001	Toshiyuki Honda	0717-0473P	2328

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EXAMINER

BRUCKART, BENJAMIN R

ART UNIT	PAPER NUMBER
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2155

DATE MAILED: 10/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/923,389

Applicant(s)

HONDA, TOSHIYUKI

Examiner

Benjamin R. Bruckart

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date: _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Detailed Action

Status of Claims:

Claims 1-6 are pending in this Office Action.

Claim 1 is amended.

No claims are new.

No claims are cancelled.

Response to Arguments

Applicant's arguments filed in the amendment filed 9/2/05, are moot in view of new grounds of rejection.

Applicant's invention as claimed:

Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable by European Patent Applicant EP 0 949 571 A2 by Bickmore in view of International Publication No. WO 00/39666 by Carlino et al in further view of European Patent Application EPO 0 938 052 A2 by Rossmann et al.

Regarding claim 1,

The Bickmore reference teaches a hyper text display apparatus for displaying a hyper text document (Bickmore: page 9, para 67, 71) including a plurality of units of link information (Bickmore: page 7, para 53), comprising:

a link extraction section for extracting the plurality of units of link information from the hyper text document (Bickmore: page 7, para 53; page 16, para 131-133);

a display section for displaying a list of the prescribed number of units of link information included in a specific group of the plurality of groups (Bickmore: page 7, para 53; page 9, para 71; Figures 1-3);

an assignment section for assigning a code to each of the prescribed number of units of link information included in the specific group, the codes assigned to different units of link information and different from each other (Bickman: page 6, para 44-46; page 9, para 67; labels with unique identifier);

an input section (Bickman: page 9, para 67; parse and label); and

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a reading section for, when the code is input through the input section while the list of the prescribed number of units of link information included in the specific group is displayed (Bickman: page 7, para 53; page 9, para 67, 71; displayed on the browser), reading a document at a target link associated with each unit of link information to which the respective code is assigned (Bickman: page 7, para 53; page 9, para 67, 71).

The Bickmore reference does not explicitly state classifying links.

The Carlino reference teaches a link information classification section for classifying the plurality of units of link information into a plurality of groups so that each group includes a prescribed number of units of link information (Carlino: page 20, para 7-16; page 37, lines 12-24); and

a link extraction section for extracting each of the plurality of units of link information from the hyper text document (Carlino: page 20, lines 7-16; page 23, lines 1-5; hyperlinks part of text and non-text content).

The Carlino reference further teaches the invention converts an electronic document while overcoming required large storage space and maintenance (Carlino: page 6, lines 9-20).

The Rossmann reference teaches

a display section for displaying a list of the prescribed number of units of link information included in a specific group of the plurality of groups (Rossmann: page 11, col. 1, lines 1-20); and

an assignment section for assigning a code to each of the prescribed number of units of link information included in the specific group, the codes assigned to different units of link information being displayed and different from each other (Rossmann: page 11, col. 1, lines 1-20); and

an input section used to input a desired code (Rossmann: page 11, col. 1, lines 1-20; keypad); and

a reading section for, when the code is input through the input section while the list of the prescribed number of units of link information included in the specific group is displayed (Rossmann: page 11, col. 1, lines 1-20; keypad), reading a document at a target link associated with each unit of link information to which the respective code is assigned (Rossmann: page 7, col 12, para 35).

The Rossmann reference further teaches the invention overcomes laborious Internet navigation by removing repeated keystrokes (Rossmann: page 2, col. 2, lines 30-55).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create a hyper text display apparatus for displaying a hyper text document as taught by Bickmore while employing classification of links as taught by Carlino and assignment and input section as taught by Rossmann in order to convert an electronic document while overcoming required large storage space and maintenance (Carlino: page 6, lines 9-20) and easily navigate that document using simple navigation menus.

Claims 2-6 are rejected under the same rationale given above. In the rejections set fourth, the examiner will address the additional limitations and point to the relevant teachings of Bickmore, Carlino et al, and Rossmann et al.

Regarding claim 2, a hyper text display apparatus according to claim 1, further comprising a memory section for storing information on where in the hyper text document each unit of link information is described (Bickmore: page 11, para 80-82), wherein,

when the respective code is input in a prescribed input method through the input section while the list of the prescribed number of units of link information included in the specific group is displayed, the display section displays a portion of the hyper text document, the portion including the specific unit of link information to which the respective code is assigned (Rossmann: page 7, cols. 11 and 12, para 31, 32, 35).

Regarding claim 3, a hyper text display apparatus according to claim 1, wherein:

the input section includes a button bearing the respective code assigned to each unit of link information (Rossmann: page 11, para 31; "numbered accordingly"), and

the display section displays the respective code together with each unit of link information (Rossmann: page 7, para 31).

Regarding claim 4, a hyper text display apparatus according to claim 1, wherein:

the input section includes a display group change instruction input section used to input an instruction to replace the display of the specific group with the display of a different group (Rossmann: Figures 4a-g and 6a-c),

the plurality of groups are arranged in a prescribed order (Rossmann: Figures 4a-4g), and the hyper text display apparatus further includes a switch section for, when the instruction to replace the display of the specific group with the display of a different group is input by the display group change instruction input section (Bickmore: page 6, para 44-47; link next and previous; Rossmann: page 8, para 36), switching the display of the specific group into a display of a group immediately subsequent or immediately previous to the specific group (Bickmore: page 6, para 44-47; link next and previous; sequential sub pages; Rossmann: page 8; home, back, next in menu to weather).

Regarding claim 5, a hyper text display apparatus according to claim 1, further comprising a scroll section for scrolling the list of the prescribed number of units of link information (Rossmann: Figures 4a-g; 6a-c; page 7, para 32).

Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable by European Patent Applicant EP 0 949 571 A2 by Bickmore in view of International Publication No. WO 00/39666 by Carlino et al in further view of European Patent Application EPO 0 938 052 A2 by Rossmann et al in further view of "Nokia 5110 telephone User's Guide."

Regarding claim 6,

The Bickmore, Carlino and Rossmann references teach a hyper text display apparatus according to claim 1, wherein:

the input section includes a button bearing the respective code assigned to each unit of link information (Rossmann: page 7, para 31-32).

The Bickmore, Carlino, and Rossmann references do not explicitly state a timer.

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The User's Guide on the Nokia phone teaches the display section includes a timer for counting a time period in which the button has been pressed (Guide: page 25, shortcuts for accessing menu functions), and

when the time period counted by the timer is shorter than a prescribed time period (Guide: less than 3 seconds), the reading section reads, into the reading section, the document at the target link associated with each unit of link information to which the respective code is assigned (Guide: The menu function; the code is the navigation associated with that particular menu); and when the time period counted by the timer is equal to or longer than the prescribed time period, the display section displays a portion of the hyper text document, the portion including each unit of link information to which the respective code is assigned (Guide: page 24; using the menu; view settings, navigate, the many menus).

The User's Guide further teaches the features and menus of a cellular telephone and how a user can interact with them (Guide: page 15, basic functions; pages 24 + 25).

Therefore it would have been obvious at the time of the invention to one of ordinary skill in the art to create a hyper text display apparatus for displaying a hyper text document with link classification as taught by Bickmore, Carlino, and Rossmann while employing time sensitive buttons as taught by the Nokia User's Guide in order to allow a user to access the features and menus of a cellular telephone and interact with them with a shortcut (Guide: page 15, basic functions; pages 24 + 25).

REMARKS

Applicant has made amendments to the independent claim and has argued the amended limitations over the art.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin R. Bruckart whose telephone number is (571) 272-3982. The examiner can normally be reached on 8:00-5:30PM with every other Friday off.

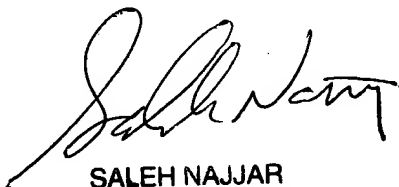
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Benjamin R Bruckart
Examiner
Art Unit 2155
brb

BRB


SALEH NAJJAR
SUPERVISORY PATENT EXAMINER